Asbestos and Lead Screen Report

Burien Community Center Annex
425 SW 144th St
Burien, King, Washington
January 15, 2020

Terracon Project No. 81207008

Prepared for:
MENG Analysis
Seattle, Washington

Prepared by:
Terracon Consultants, Inc.
Mountlake Terrace, Washington

January 15, 2020

MENG Analysis
2001 Western Avenue, Suite 200
Seattle, Washington 98121

Attn: Ms. Sarah Partap
Project Manager
P: (206) 838.9797
E: sarah@menganalysis.com

Re: Asbestos and Lead Screen Report
Burien Community Center Annex
425 SW 144th St
Burien, King, Washington 98166
Terracon Project No. 81207008

Dear Ms. Partap:

The purpose of this report is to present the results of an asbestos and lead-containing paint (LCP) screen performed on January 10, 2020 at the above referenced building in Burien, Washington. This screen was conducted in accordance with Terracon proposal P81207008 dated January 9, 2020. We understand that the purpose of this screen is to assist the Client with evaluating the potential financial liability associated with asbestos and lead in the building.

Asbestos was identified in samples collected from the subject building. Lead-containing paint (LCP) was identified in samples collected from the subject building. Please refer to the attached report for details.

We appreciate the opportunity to be of service to you on this project. If there are any questions regarding this report or if we may be of further assistance, please do not hesitate to contact us.

Sincerely,
Terracon Consultants, Inc.

for Jacob Lindberg
Environmental Technician

Scott Parker
Department Manager

TABLE OF CONTENTS

APPENDICES

ASBESTOS AND LEAD SCREEN REPORT
Burien Community Center Annex
425 SW 144th St
Burien, Washington 98166

Terracon Project No. 81207008

January 15, 2020

1.0 INTRODUCTION

Terracon conducted an asbestos and LCP screen (also referred to as an assessment) of the building located at 425 SW 144th St in Burien, King, Washington. The screen was conducted on January 10, 2020 by an Asbestos Hazard Emergency Response Act (AHERA)-accredited asbestos inspector in general accordance with our proposal dated January 9, 2020. Interior building components in the two buildings (project area) were screened and homogeneous areas of suspect asbestos-containing materials (ACM) and LCP were visually identified and documented. This screen included interior and exterior areas of the building, but due to weather conditions at the time of the site visit, the roof was deemed inaccessible and is to be considered ACM.

Although reasonable effort was made to survey inaccessible suspect materials, additional suspect but unsampled ACM and LCP could be located in walls, in voids, or in other concealed areas. Suspect ACM samples were collected by an AHERA-accredited asbestos inspector in general accordance with American Society for Testing and Materials (ASTM) Standard E2308-05, Standard Guide for Limited Asbestos Screens of Buildings. Samples were delivered to an accredited laboratory for analysis by polarized light microscopy (PLM).

1.1 Project Objective

The purpose of this assessment was to assess suspected ACM and LCP to assist the client with evaluating the safety of the building as it relates to asbestos and lead containing paints.

The asbestos screen was conducted in general accordance with the sampling guidelines identified in the ASTM Standard E2308-05, Standard Guide for Limited Asbestos Screens of Buildings. Although this standard was withdrawn in 2014, it provides guidance for conducting baseline limited asbestos screens (LAS) to evaluate the presence of asbestos-containing materials (ACMs) in major building systems within the interior of buildings involved in commercial real estate transactions, including, but not limited to, acquisitions, sales, leasing and financing.

Screens based on these guidelines are limited to suspect materials associated with major building systems (structural, HVAC, plumbing) that are readily accessible and can be observed, identified, and sampled in a safe manner without causing objectionable damage to building materials.

This screen does not meet the requirements for the presence, location, and quantity of ACM to employees, vendors, and contractors working in the project area and does not meet the

requirements for an asbestos survey for the PSCAA and a good faith inspection as required by Washington State Department of Labor and Industries' Division of Occupational Safety and Health (DOSH) regulations prior to renovation or demolition. Additional sampling will be required to meet these requirements and to use this report for purposes of renovation and demolition.

The Department of Labor and Industries (L&I) enforces the Washington Industrial Safety and Health (WISHA) *Standard for Lead in Construction*, Washington Administrative Code (WAC) 296-155-176, which defines the lead exposure limits for all construction workers performing demolition and/or renovation activities. Should lead be detected at any concentration, WAC 296-155-176 provides the appropriate methods of compliance to ensure worker safety from potential lead exposure.

2.0 BUILDING DESCRIPTION

The project area consists of two buildings that together are approximately 300,000 sf. The original structure was constructed in 1948 with multiple renovations and additions taking place over the years. The structure on the northern side of the property is a community center featuring classrooms, daycare, and a donations office. Heating in the building is provided by a radiator system heated via a boiler in the basement. Interior horizontal finishes in the building consist of carpet, vinyl floor tiles, vinyl floor sheeting, ceramic floor tiles, gypsum wallboard, and suspended ceiling tiles. Interior vertical finishes in the building consist of gypsum wallboard and plaster. Exterior finishes consist of wood siding. Roofing for this structure is a combination of rolled asphaltic and asphaltic roofing shingles. The structure on the southern side of the property is a community theater featuring an auditorium, several studios, and a kitchen. Interior horizontal finishes consist of carpet, vinyl floor tiles, vinyl floor sheeting, ceramic floor tiles, wood paneling, plaster, and suspended ceiling tiles. The interior horizontal finishes consist of plaster, concrete masonry units, and wood siding. The exterior finishes consist of wood siding. The roof on the second building is a rolled asphaltic material.

3.0 ASBESTOS FIELD ACTIVITIES

The screen was conducted by AHERA-accredited asbestos inspector Jacob Lindberg. A copy of Mr. Lindberg's asbestos inspector training certificate is attached as Appendix D. The screen was conducted in general accordance with the sample collection protocols established in ASTM Standard E2308-05, Standard Guide for Limited Asbestos Screens of Buildings. A summary of screen activities is provided below.

3.1 Visual Assessment

Screening activities began with visual observation of the interior project area of the building in order to locate and identify homogeneous areas of suspect ACM. A homogeneous area consists of

building materials that appear similar throughout in terms of color and texture. The assessment was conducted throughout visually accessible areas of the building components in the project area. Building materials identified as concrete, fiberglass insulation, plastic, glass, wood, masonry, foam, metal or rubber were not considered suspect ACM.

3.2 Physical Assessment

A physical assessment of each homogeneous area of suspect ACM was conducted to assess the friability and condition of the materials. A friable material is defined by the EPA as a material which can be crumbled, pulverized or reduced to powder by hand pressure when dry. Friability was assessed by physically touching suspect materials.

3.3 Sample Collection

Based on results of the visual observation, bulk samples of suspect ACM were collected in general accordance with ASTM E2308-05. Samples of suspect materials were collected in each homogeneous area. Bulk samples were collected using wet methods, as applicable, to reduce the potential for fiber release. Samples were placed in sealable containers and labeled with unique sample numbers using an indelible marker.

Terracon collected a total of 40 bulk samples from 30 homogeneous areas of suspect ACM. A summary of all samples collected is included as Appendix A.

3.4 Sample Analysis

Bulk ACM samples were submitted under chain of custody to NVL Laboratories of Seattle, Washington for analysis by polarized light microscopy (PLM) with dispersion staining techniques per EPA methodology (600/R-93/116). The percentage of asbestos, where applicable, was determined by microscopic visual estimation or by the more accurate point count method (wall system sample). NVL Laboratories is accredited under the National Voluntary Laboratory Accreditation Program (NVLAP Accreditation No. 102063-0).

4.0 ASBESTOS REGULATORY OVERVIEW

The NESHAP regulation for asbestos regulates asbestos fiber emissions and asbestos waste disposal practices. It requires the identification of existing asbestos-containing materials (ACM) according to friability prior to demolition or renovation activity. Friable ACM is a material containing more than 1% asbestos that, when dry, may be crumbled, pulverized or reduced to powder by hand pressure.

Washington Administrative Code (WAC) 173 400 075 adopts the federal NESHAP rule by reference. In the State of Washington, authority to administer NESHAP requirements is delegated to the regional air pollution authorities (e.g., the local Clean Air Agency or the Washington State Department of Ecology). In King County, the NESHAP requirements are administered by the Puget Sound Clean Air Authority (PSCAA). PSCAA must be notified at least 10 working days prior to the demolition of any structure with a projected roof area greater than 120 square feet, regardless of whether any asbestos was identified. Notification is not required for renovation projects, unless the project involves the disturbance of friable asbestos containing materials. The owner or operator must also provide the Washington State Department of Labor and Industry (L&I) with written notification at least 10 working days prior to the commencement of asbestos removal projects involving at least 10 linear feet or 48 square feet of ACM. Removal of ACM must be conducted by a State of Washington-certified asbestos abatement contractor.

In the State of Washington, worker exposures to asbestos are governed by L&I's DOSH. The administrative rule WAC 296-62-07705 requires that employee exposure to airborne asbestos fibers be maintained below 0.1 asbestos fibers per cubic centimeter of air (0.1 f/cc) as an eight-hour time weighted average. State of Washington Occupational Safety and Health rules also classify construction and maintenance activities which could disturb ACM and specify work practices and precautions which employers must follow when their employees engage in each class of regulated work.

5.0 LEAD-CONTAINING PAINT FIELD ACTIVITIES

In conjunction with the asbestos screen Terracon personnel visually assessed the interior and exterior portions of the building and performed LCP sampling that consisted of collecting 5 paint chip samples from various painted components. All lead samples were submitted under chain of custody to NVL Laboratories in Seattle, Washington. The LCP samples were analyzed by flame atomic absorption spectrometry per EPA 7000B.

6.0 LEAD-CONTAINING PAINT REGULATORY OVERVIEW

Lead is regulated by the EPA, the Washington State Department of Ecology (Ecology), the Occupation Safety and Health Administration (OSHA) and WISHA (enforced by L&I). The EPA regulates lead use, while both the EPA and Ecology regulate removal, and disposal. OSHA and WISHA both regulate lead exposure to workers. For the purpose of the OSHA lead standard, lead includes metallic lead, all inorganic lead compounds, and organic lead soaps. A synopsis of the OSHA regulations (29 CFR 1926.62) and the applicability are as follows:

- The OSHA *Lead Standard for Construction* (29 CFR 1926.62) applies to all construction work where an employee may be occupationally exposed to lead. All work related to construction, alteration, or repair (including painting and decorating) is included. The lead-in-construction standard applies to any detectable concentration of lead in paint, as even small concentrations of lead can result in unacceptable employee exposures depending upon on the method of removal and other workplace conditions.

Similar to the OSHA standard, the WISHA Construction Safety requirements for lead, states that if lead is present in the workplace in any detectable quantity WISHA requires that demolition activities be conducted in accordance with the worker protection requirements of WAC 296-155-176, *Lead*.

In accordance with Ecology's *Dangerous Waste Regulations*, solid wastes must be designated to see if they are dangerous wastes before disposal unless they are exempted or removed from the dangerous waste regulations. If any of the samples are reported with leachable lead concentration of 5.0 mg/L or more, then the waste must be classified and disposed of as dangerous waste.

7.0 FINDINGS AND RECOMMENDATIONS

Asbestos

Asbestos was identified in samples collected from the subject building.

Appendix A identifies the homogeneous areas sampled, sample identification numbers, material descriptions, and analytical results. Laboratory analytical reports and chains of custody are included in Appendix B. In addition, Appendix C contains sample location plans and Appendix D contains inspector certifications.

This screen was conducted for the purpose of evaluating interior of buildings involved in commercial real estate transactions, including, but not limited to, acquisitions, sales, leasing and financing. If activities are planned that may disturb ACM or suspect ACM (including maintenance, repair, renovation and demolition), the owner must conduct a more comprehensive assessment.

Lead-Containing Paint

Based on a review of the analytical results, 4 of the 5 sampled components were identified to contain detectable concentrations of lead.

Table 3.0 in Appendix A identifies the color sampled, substrate, building component, sample identification numbers, location, and analytical results. Laboratory analytical reports and chains of custody are included in Appendix B. In addition, Appendix C contains the sample location plans.

This LCP survey was limited to readily observable and accessible surfaces. Terracon cannot guarantee a building or property to be LCP free as the possibility exists that LCP coated surfaces may be hidden from sight or in inaccessible locations, or the homogeneous construction areas identified may not be truly homogeneous. This LCP survey is not considered to be comprehensive in nature, and the results are not intended to be used to determine lead hazards, develop abatement plans, or prepare detailed cost estimates for abatement.

Removal of LCP is not required prior to demolition. However, Terracon recommends that the results of this sampling be provided to your contractors, who should subsequently be responsible for determining lead hazards.

In accordance with Ecology's *Dangerous Waste Regulations*, solid wastes must be designated to see if they are dangerous wastes before disposal unless they are exempted or removed from the dangerous waste regulations. Therefore, Terracon recommends that representative samples of the building demolition waste stream be tested through laboratory analyses in order to determine if the waste is hazardous. Specifically, toxicity characteristics leaching procedure (TCLP) sampling should be performed and samples analyzed for leachable lead. If the samples are reported with a leachable lead concentration of 5.0 mg/L or more, then the waste must be classified and disposed of as hazardous waste.

8.0 GENERAL COMMENTS

This asbestos and LCP screening was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession currently practicing under similar conditions in the same locale. The results, findings, conclusions and recommendations expressed in this report are based on conditions observed during our survey of the building. The information contained in this report is relevant to the date on which this survey was performed and should not be relied upon to represent conditions at a later date. This report has been prepared on behalf of and exclusively for use by MENG Analysis for specific application to their project as discussed. This report is not a bidding document. Contractors or consultants reviewing this report must draw their own conclusions regarding further investigation or remediation deemed necessary. Terracon does not warrant the work of regulatory agencies, laboratories or other third parties supplying information which may have been used in the preparation of this report. No warranty, express or implied is made.

APPENDIX A
TABLE 1.0 – ASBESTOS SCREEN SAMPLE SUMMARY
425 SW 144th St
Burien, Washington 98166

HOMOGENEOUS AREA	SAMPLE NO.	DESCRIPTION	MATERIAL LOCATION
1	**BCC-1-01**	**9”x9” Tan vinyl floor tile w/ red streaks with black mastic**	**Hallways and classrooms in northern building.**
	BCC-1-02		
2	BCC-2-01	White gypsum wall board w/ joint compound	Lower half of walls throughout northern building.
	BCC-2-02		
3	**BCC-3-01**	**1’x2’ Brown vinyl floor tile with black mastic**	**Cut to size at base of walls throughout northern building.**
	BCC-3-02		
4	BCC-4-01	2’x3’ Tan ceramic floor tile w/ light specks and brown mastic	Northeast restrooms in northern building.
5	BCC-5-01	Tan ceramic floor tile w/ dark specks and yellow mastic (used as cove base)	Northeast restrooms in northern building.
6	BCC-6-01	2”x2” Red ceramic floor tile w/ grey grout	Northeast women’s restroom in northern building.
7	BCC-7-01	12”x12” White porous ceiling tile w/ brown mastic	Ceilings throughout northern building.
	BCC-7-02		
8	BCC-8-01	Plaster	Walls and ceilings throughout northern building.
	BCC-8-02		
9	BCC-9-01	Tan vinyl floor sheet w/ yellow mastic	Landing at northeast exit in northern building.
10	BCC-10-01	Blue carpet w/ yellow mastic	In offices throughout northern building.
11	**BCC-11-01**	**12”x12” Tan over red layered vinyl floor tile w/ black mastic**	**Beneath office carpeting in places in northern building.**
12	**BCC-12-01**	**12”x12” Tan over tan layered vinyl floor tile w/ black mastic**	**In places in the northwest hallway of the northern building.**
13	**BCC-13-01**	**12”x12” Tan vinyl floor tile w/ black mastic and compact brown material**	**In places in the northwest hallway of the northern building.**
14	BCC-14-01	4”x4” Patterned yellow vinyl floor sheet w/ yellow mastic	Restrooms in the northwest offices in the northern building.
15	BCC-15-01	12”x12” Marble patterned brown VFS w/ yellow mastic	Lunch room in the northwest offices in the northern building.
16	BCC-16-01	9”x9” red **VFT w/ black mastic**	**Southern end of hallway in northern building.**

HOMOGENEOUS AREA	SAMPLE NO.	DESCRIPTION	MATERIAL LOCATION
17	BCC-17-01	Yellow fiberglass insulation with fiber backing and black mastic	Boiler in the northern building.
18	BCC-18-01	Grey VFS w/ light specks and yellow mastic	Southeast room in northern building.
19	BCC-19-01	12”x12” White VFT w/ black mastic	Southern men’s restroom in northern building.
20	BCC-20-01	12”x12” Black vinyl floor tile w/ black mastic	Southern men’s restroom in northern building.
21	**BCC-21-01**	**9”x9” Tan vinyl floor tile w/ red streaks**	**Hallways throughout southern building.**
	BCC-21-02		
22	BCC-22-01	12”x9” Red vinyl floor tile w/ compact grey material	Hallway in places in the southern building.
23	**BCC-23-01**	**Red vinyl floor sheet w/ mastic**	**Studio in southern building.**
24	**BCC-24-01**	**Grey layered vinyl floor sheet w/ mastic**	**Studio in southern building.**
25	**BCC-25-01**	**9”x9” red vinyl floor tile w/ black mastic**	**Kitchen in southern building.**
	BCC-25-02		
26	BCC-26-01	Ceramic coating material	Storage room south of kitchen in southern building.
27	BCC-27-01	12”x12” Patterned white ceiling tile w/ brown mastic	Ceilings in places in southern building.
	BCC-27-02		
28	**BCC-28-01**	**4” Brown vinyl cove base w/ tan mastic**	**In places in southern building.**
29	BCC-29-01	Plaster	Walls in places in southern building.
	BCC-29-02		
30	BCC-30-01	White glazing compound	Exterior window panes on southern building.
	BCC-30-02		

APPENDIX A
TABLE 2.0 – ASBESTOS-CONTAINING-MATERIALS
425 SW 144th St
Burien, Washington 98166

SAMPLE NO.	DESCRIPTION	MATERIAL LOCATION	PERCENT/ TYPE ASBESTOS	FRIABILITY	CONDITION	EST QUANTITY
BCC-1-01 BCC-1-02	9”x9” Tan vinyl floor tile w/ red streaks with black mastic	Hallways and classrooms in northern building.	Tile: 5-6% Chrysotile Mastic: ND-3% Chrysotile	Non-Friable to Friable	Poor-Good	7,000 SF
BCC-3-01 BCC-3-02	1’x2’ Brown vinyl floor tile with black mastic	Cut to size at base of walls throughout northern building.	Tile: 4-5% Chrysotile Mastic: 2% Chrysotile	Non-Friable	Good	4000 LF
BCC-11-01	12”x12” Tan over red layered vinyl floor tile w/ black mastic	Beneath office carpeting in places in northern building.	Tile: 3-6% Chrysotile Mastic: ND	Non-Friable	Good	300 SF*
BCC-12-01	12”x12” Tan over tan layered vinyl floor tile w/ black mastic	In places in the northwest hallway of the northern building.	Tile: ND Chrysotile Mastic: 4% Chrysotile	Non-Friable	Good	100 SF*
BCC-13-01	12”x12” Tan vinyl floor tile w/ black mastic and compact brown material	In places in the northwest hallway of the northern building.	Tile: ND Mastic: 4% Chrysotile Brown Material: 6% Chrysotile	Non-Friable	Good	100 SF*
BCC-15-01	12”x12” Marble patterned brown vinyl floor sheet w/ brown mastic	Lunch room in the northwest offices in the northern building.	Tile: ND Mastic: 4% Chrysotile	Non-Friable	Good	900 SF
BCC-16-01	9”x9” red vinyl floor tile w/ black mastic	Southern end of hallway in northern building.	Tile: 10% Chrysotile Mastic: 5% Chrysotile	Non-Friable	Good	60 SF

SAMPLE NO.	DESCRIPTION	MATERIAL LOCATION	PERCENT/ TYPE ASBESTOS	FRIABILITY	CONDITION	EST QUANTITY
BCC-21-01 BCC-21-02	9”x9” Tan vinyl floor tile w/ red streaks	Hallways throughout southern building.	Tile: 10% Chrysotile Mastic: ND	Non-Friable	Good	1,500 SF
BCC-23-01	Red vinyl floor sheet w/ mastic	Studio in southern building.	Tile: ND Mastic: 35% Chrysotile	Non-Friable	Good	700 SF
BCC-24-01	Grey layered vinyl floor sheet w/ mastic	Studio in southern building.	Tile: ND Mastic: 34% Chrysotile	Non-Friable	Good	700 SF
BCC-25-01 BCC-25-02	9”x9” Red vinyl floor tile w/ black mastic	Kitchen in southern building.	Tile: 6-7% Chrysotile Mastic: ND	Non-Friable to Friable	Poor-Good	700 SF
BCC-28-01	4” Brown vinyl cove base w/ tan mastic	In places in southern building.	Cove Base: ND Mastic: 4% Chrysotile	Non-Friable	Poor-Good	400 LF

ND – non-detect, LF – Linear Feet, SF – Square Feet, SF* – Additional material may be present beneath surface layer

APPENDIX A
TABLE 3.0 – LCP SCREENING SAMPLE SUMMARY
425 SW 144th St
Burien, Washington 98166

SAMPLE NO.	DESCRIPTION	PAINT LOCATION	RESULTS (PPM)
BCC-Pb1-01	Grey paint on gypsum wallboard	Walls throughout northern building	<47
BCC-Pb2-01	White paint on plaster	Walls throughout northern building	950
BCC-Pb3-01	White paint on gypsum wallboard	Walls throughout northern building	5,700
BCC-Pb4-01	Green paint on metal	Metal piping and walls in boiler room in northern building	2,400
BCC-Pb5-01	Tan paint on wood	Exterior walls in northern building	11,000
<: below reporting limit			

APPENDIX B

ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTS

January 13, 2020

Scott Parker
ARGUS PACIFIC, INC. A Terracon Company
21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2000814.00

Client Project: 81207008
Location: Burien CC

Dear Mr. Parker,

Enclosed please find test results for the 15 sample(s) submitted to our laboratory for analysis on 1/13/2020.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with both **EPA 600/M4-82-020**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116** Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

Matt Macfarlane, Asbestos Lab Supervisor

Lab Code: 102063-0

Enc.: Sample Results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000814.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Lab ID: 20013511 **Client Sample #: BCC-1-01**
Location: Burien CC

Layer 1 of 2	**Description:** Brown vinyl tile		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Vinyl/Binder, Fine particles	Cellulose 2%	**Chrysotile 6%**
Layer 2 of 2	**Description:** Black asphaltic material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Asphalt/Binder, Fine grains, Fine particles	Cellulose 3%	**None Detected ND**

Lab ID: 20013512 **Client Sample #: BCC-1-02**
Location: Burien CC

Layer 1 of 2	**Description:** Brown vinyl tile		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Vinyl/Binder, Fine particles	Cellulose 2%	**Chrysotile 5%**
Layer 2 of 2	**Description:** Black asphaltic material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Asphalt/Binder, Fine grains, Fine particles	Cellulose 3%	**Chrysotile 3%**

Lab ID: 20013513 **Client Sample #: BCC-2-01**
Location: Burien CC

Layer 1 of 2	**Description:** White compacted powdery material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Calcareous binder, Calcareous particles, Paint	Cellulose 2%	**None Detected ND**
Layer 2 of 2	**Description:** White chalky material with paper		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Gypsum/Binder, Fine grains, Fine particles	Cellulose 21%	**None Detected ND**
		Glass fibers 2%	

Sampled by: Client
Analyzed by: William Minor **Date:** 01/13/2020
Reviewed by: Matt Macfarlane **Date:** 01/13/2020

Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000814.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Lab ID: 20013514 **Client Sample #: BCC-2-02**
Location: Burien CC

Layer 1 of 2	**Description:** White rubbery material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Caulking compound, Fine particles, Calcareous particles	Cellulose	2%	**None Detected ND**
Layer 2 of 2	**Description:** Peach chalky material with paper & paint			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Gypsum/Binder, Fine particles, Paint Fine particles	Cellulose	22%	**None Detected ND**

Lab ID: 20013515 **Client Sample #: BCC-3-01**
Location: Burien CC

Layer 1 of 3	**Description:** Brown vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Fine particles	Cellulose	2%	**Chrysotile 4%**
Layer 2 of 3	**Description:** Black asphaltic material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Asphalt/Binder, Fine particles, Fine grains	Cellulose	2%	**Chrysotile 2%**
Layer 3 of 3	**Description:** White brittle material with mineral grains			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Mineral grains, Fine grains Fine particles	None Detected	ND	**None Detected ND**

Lab ID: 20013516 **Client Sample #: BCC-3-02**
Location: Burien CC

Sampled by: Client
Analyzed by: William Minor **Date:** 01/13/2020
Reviewed by: Matt Macfarlane **Date:** 01/13/2020

Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000814.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Layer 1 of 2	**Description:** Brown vinyl tile			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Vinyl/Binder, Fine particles	Cellulose	2%	**Chrysotile 5%**
Layer 2 of 2	**Description:** Black asphaltic material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Asphalt/Binder, Mineral grains, Fine particles	Cellulose	2%	**Chrysotile 2%**

Lab ID: 20013517 **Client Sample #: BCC-4-01**
Location: Burien CC

Layer 1 of 2	**Description:** Yellow hard brittle material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Stone	None Detected	ND	**None Detected ND**
Layer 2 of 2	**Description:** Brown soft material with debris			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Binder/Filler, Fine grains, Fine particles	Cellulose	4%	**None Detected ND**
	Calcareous particles			

Lab ID: 20013518 **Client Sample #: BCC-5-01**
Location: Burien CC

Layer 1 of 2	**Description:** Off-white soft material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Binder/Filler, Calcareous particles, Fine particles	Cellulose	4%	**None Detected ND**
Layer 2 of 2	**Description:** Yellow hard brittle material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Stone, Mineral grains	None Detected	ND	**None Detected ND**

Lab ID: 20013519 **Client Sample #: BCC-6-01**
Location: Burien CC

Sampled by: Client
Analyzed by: William Minor **Date:** 01/13/2020
Reviewed by: Matt Macfarlane **Date:** 01/13/2020

Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASB-02

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000814.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Layer 1 of 2	**Description:** Off-white ceramic tile			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Ceramic/Binder	None Detected	ND	**None Detected ND**
Layer 2 of 2	**Description:** Red brittle material with quartz grains			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Quartz, Fine particles	Cellulose	3%	**None Detected ND**

Lab ID: 20013520 **Client Sample #: BCC-7-01**
Location: Burien CC

Layer 1 of 2	**Description:** Brown compressed fibrous material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Fine particles, Wood flakes	Cellulose	95%	**None Detected ND**
	Paint			
Layer 2 of 2	**Description:** Brown brittle mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Mastic/Binder, Calcareous particles, Fine particles	Cellulose	2%	**None Detected ND**

Lab ID: 20013521 **Client Sample #: BCC-7-02**
Location: Burien CC

Layer 1 of 2	**Description:** Brown compressed fibrous material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Fine particles, Wood flakes	Cellulose	94%	**None Detected ND**
	Paint			
Layer 2 of 2	**Description:** Brown brittle mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Mastic/Binder, Calcareous particles, Fine particles	Cellulose	4%	**None Detected ND**

Sampled by: Client
Analyzed by: William Minor **Date:** 01/13/2020
Reviewed by: Matt Macfarlane **Date:** 01/13/2020

Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000814.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Lab ID: 20013522 **Client Sample #: BCC-8-01**
Location: Burien CC

Layer 1 of 1 **Description:** White brittle material with mineral grains and paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Binder/Filler, Mineral grains	None Detected ND	**None Detected ND**
Fine particles, Calcareous particles		

Lab ID: 20013523 **Client Sample #: BCC-8-02**
Location: Burien CC

Layer 1 of 1 **Description:** White brittle material with mineral grains

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Binder/Filler, Mineral grains, Fine grains	Cellulose 4%	**None Detected ND**
Fine particles, Calcareous particles		

Lab ID: 20013524 **Client Sample #: BCC-9-01**
Location: Burien CC

Layer 1 of 2 **Description:** Brown rubbery material

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Vinyl/Binder	None Detected ND	**None Detected ND**

Layer 2 of 2 **Description:** Yellow firm mastic

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Mastic/Binder, Fine particles, Insect parts	Cellulose 3%	**None Detected ND**

Lab ID: 20013525 **Client Sample #: BCC-10-01**
Location: Burien CC

Sampled by: Client
Analyzed by: William Minor **Date:** 01/13/2020
Reviewed by: Matt Macfarlane **Date:** 01/13/2020

Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: **Mr. Scott Parker**
Project Location: Burien CC

Batch #: 2000814.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 15
Samples Analyzed: 15
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Layer 1 of 3	**Description:** Blue fibrous material with mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Binder/Filler, Mastic/Binder, Fine particles	Synthetic fibers	77%	**None Detected ND**
	Fine grains, Calcareous particles	Cellulose	4%	
Layer 2 of 3	**Description:** White soft putty material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Binder/Filler, Fine particles, Calcareous particles	Synthetic fibers	5%	**None Detected ND**
		Cellulose	3%	
Layer 3 of 3	**Description:** Yellow soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Mastic/Binder, Fine grains, Fine particles	Cellulose	3%	**None Detected ND**
	Calcareous particles	Synthetic fibers	3%	

Sampled by: Client
Analyzed by: William Minor **Date:** 01/13/2020
Reviewed by: Matt Macfarlane **Date:** 01/13/2020

Matt Macfarlane, Asbestos Lab Supervisor

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASBESTOS LABORATORY SERVICES

NVL

Company	ARGUS PACIFIC, INC. A Terracon	**NVL Batch Number**	**2000814.00**
Address	21905 64th Avenue W, Suite 100 Mountlake Terrace, WA 98043	**TAT** 1 Day **AH** No **Rush TAT**	
Project Manager	Mr. Scott Parker	**Due Date** 1/14/2020 **Time** 9:50 AM	
Phone	(206) 285-3373	**Email**	scott.parker@terracon.com
Cell	(206) 714-7152	**Fax**	(206) 285-3927

Project Name/Number: 81207008 **Project Location:** Burien CC

Subcategory PLM Bulk

Item Code ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples 15 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	20013511	BCC-1-01		A
2	20013512	BCC-1-02		A
3	20013513	BCC-2-01		A
4	20013514	BCC-2-02		A
5	20013515	BCC-3-01		A
6	20013516	BCC-3-02		A
7	20013517	BCC-4-01		A
8	20013518	BCC-5-01		A
9	20013519	BCC-6-01		A
10	20013520	BCC-7-01		A
11	20013521	BCC-7-02		A
12	20013522	BCC-8-01		A
13	20013523	BCC-8-02		A
14	20013524	BCC-9-01		A
15	20013525	BCC-10-01		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/13/20	950
Analyzed by	William Minor		NVL	1/13/20	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/13/2020
Time: 10:31 AM
Entered By: Fatima Khan

NVL LABS
INDUSTRIAL HYGIENE SERVICES
Laboratory | Management | Training

ASBESTOS CHAIN OF CUSTODY

2000814

Turn Around Time
- ❑ 1 Hour
- ❑ 2 Hours
- ~~4 Hours~~
- ❑ 4 Hours
- ❑ 2 Days
- ❑ 3 Days
- ❑ 4 Days
- ❑ 5 Days
- ❑ 10 Days

Please call for TAT less than 24 Hours

Company: Argus Pacific
Address: 21905 64th Ave W.
Mountlake Terrace, WA 98043
Phone: 425-771-3304

Project Manager: Scott Parker
Cell: ( ) -
Email: Scott.Parker@Terracon.com
Fax: ( ) -

Project Name/Number: 81207008
Project Location: Burien CC

- ❑ PCM Air (NIOSH 7400)
- ☑ PLM (EPA 600/R-93-116)
- ❑ PLM Gravimetry (600/R-93-116)
- ❑ Asbestos Friable/Non-Friable (EPA 600/R-93/116)
- ❑ TEM (NIOSH 7402)
- ❑ EPA 400 Points (600/R-93-116)
- ❑ Asbestos in Vermiculite (EPA 600/R-04/004)
- ❑ TEM (AHERA)
- ❑ Other
- ❑ TEM (EPA Level II Modified)
- ❑ EPA 1000Points (600/R-93-116)
- ❑ Asbestos in Sediment (EPA 1900 Points)

Reporting Instructions: Email CC: Jacob.Lindberg@Terracon.com
❑ Call ( ) - ❑ Fax ( ) - ☑ Email Scott.Parker@Terracon.com

Total Number of Samples 40

	Sample ID	Description	A/R
1	BCC-1-01		
2	-1-02		
3	-2-01		
4	-2-02		
5	-3-01		
6	-3-02		
7	-4-01		
8	-5-01		
9	-6-01		
10	-7-01		
11	-7-02		
12	-8-01		
13	-8-02		
14	-9-01		
15	-10-01		

	Print Name	Signature	Company	Date	Time
Sampled by	Jacob Lindberg		Argus Pacific	1-10-20	1200
Relinquish by	Jacob Lindberg		Argus Pacific	1-13-20	~~1248~~ 948

Office Use Only

	Print Name	Signature	Company	Date	Time
Received by	Katmakkan		NVL Labs	1/13/2020	9:50am
Analyzed by					
Called by					
Faxed/Email by					

January 13, 2020

NVL
INDUSTRIAL HYGIENE SERVICES
LABORATORY + MANAGEMENT + TRAINING

Scott Parker
ARGUS PACIFIC, INC. A Terracon Company
21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

RE: Bulk Asbestos Fiber Analysis; NVL Batch # 2000819.00

Client Project: 81207008
Location: Burien CC

Dear Mr. Parker,

Enclosed please find test results for the 25 sample(s) submitted to our laboratory for analysis on 1/13/2020.

Examination of these samples was conducted for the presence of identifiable asbestos fibers using polarized light microscopy (PLM) with dispersion staining in accordance with both **EPA 600/M4-82-020**, Interim Method for the Determination of Asbestos in Bulk Insulation Samples and **EPA 600/R-93/116** Method for the Determination of Asbestos in Bulk Building Materials.

For samples containing more than one separable layer of materials, the report will include findings for each layer (labeled Layer 1 and Layer 2, etc. for each individual layer). The asbestos concentration in the sample is determined by calibrated visual estimation.

For those samples with asbestos concentrations between 1 and 10 percent based on visual estimation, the EPA recommends a procedure known as point counting (NESHAPS, 40 CFR Part 61). Point counting is a statistically more accurate means of quantification for samples with low concentrations of asbestos.

The detection limit for the calibrated visual estimation is <1%, 400 point counts is 0.25% and 1000 point counts is 0.1%

Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. Please do not hesitate to call if there is anything further we can assist you with.

Sincerely,

Nick Ly, Technical Director

NVLAP
Lab Code: 102063-0

Enc.: Sample Results

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000819.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Lab ID: 20013542 **Client Sample #: BCC-11-01**

Location: Burien CC

Comments: Unsure of correct layer sequence.

Layer 1 of 4	**Description:** White vinyl material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Fine grains, Fine particles	None Detected	ND	**Chrysotile 3%**
Layer 2 of 4	**Description:** Light brown brittle mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Mastic/Binder, Fine particles, Debris	Synthetic fibers	4%	**None Detected ND**
Layer 3 of 4	**Description:** Dark red brittle vinyl material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Fine grains, Fine particles	None Detected	ND	**Chrysotile 6%**
Layer 4 of 4	**Description:** Black asphaltic fibrous material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Asphalt/Binder, Fine particles	Cellulose	45%	**None Detected ND**

Lab ID: 20013543 **Client Sample #: BCC-12-01**

Location: Burien CC

Layer 1 of 4	**Description:** Tan vinyl material with debris			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Fine grains, Debris	Cellulose	4%	**None Detected ND**
		Synthetic fibers	3%	
Layer 2 of 4	**Description:** Black asphaltic and brown mastic with debris			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Asphalt/Binder, Mastic/Binder, Debris	Cellulose	4%	**Chrysotile 4%**

Sampled by: Client
Analyzed by: Michael Jenkins **Date:** 01/13/2020
Reviewed by: Nick Ly **Date:** 01/13/2020

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000819.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Layer 3 of 4	**Description:** Light brown vinyl material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Fine grains	None Detected	ND	**None Detected ND**
Layer 4 of 4	**Description:** Gray crumbly sandy material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Adhesive/Binder, Sand	Cellulose	4%	**None Detected ND**

Lab ID: 20013544 **Client Sample #: BCC-13-01**

Location: Burien CC

Comments: Unsure of correct layer sequence.

Layer 1 of 4	**Description:** Off-white vinyl material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Fine grains, Debris	None Detected	ND	**None Detected ND**
Layer 2 of 4	**Description:** Light brown soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Mastic/Binder, Fine particles	None Detected	ND	**None Detected ND**
Layer 3 of 4	**Description:** Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Asphalt/Binder, Fine particles	Cellulose	3%	**Chrysotile 4%**
Layer 4 of 4	**Description:** Dark red crumbly powdery material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Fine grains, Fine particles	None Detected	ND	**Chrysotile 6%**

Lab ID: 20013545 **Client Sample #: BCC-14-01**

Location: Burien CC

Sampled by: Client
Analyzed by: Michael Jenkins **Date:** 01/13/2020
Reviewed by: Nick Ly **Date:** 01/13/2020

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000819.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Layer 1 of 3	**Description:** Off-white sheet vinyl with debris			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Synthetic foam, Debris	Cellulose	10%	**None Detected ND**
	Fine particles	Synthetic fibers	7%	
Layer 2 of 3	**Description:** Gray fibrous backing with mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Mastic/Binder, Debris	Cellulose	36%	**None Detected ND**
		Glass fibers	14%	
Layer 3 of 3	**Description:** Black asphaltic mastic with debris			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Asphalt/Binder, Debris, Fine particles	Synthetic fibers	15%	**None Detected ND**
	Wood flakes	Wood fibers	10%	

Lab ID: 20013546 **Client Sample #: BCC-15-01**

Location: Burien CC

Comments: Unsure of correct layer sequence.

Layer 1 of 5	**Description:** Brown patterned sheet vinyl			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Synthetic foam	None Detected	ND	**None Detected ND**
Layer 2 of 5	**Description:** Light gray fibrous backing			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Fine particles	Cellulose	30%	**None Detected ND**
		Glass fibers	15%	
Layer 3 of 5	**Description:** White patterned sheet vinyl			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Synthetic foam	None Detected	ND	**None Detected ND**

Sampled by: Client
Analyzed by: Michael Jenkins **Date:** 01/13/2020
Reviewed by: Nick Ly **Date:** 01/13/2020

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000819.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Layer 4 of 5	**Description:** Light brown soft mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Mastic/Binder, Fine particles, Debris	Synthetic fibers	3%	**None Detected ND**
Layer 5 of 5	**Description:** Brown brittle mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Mastic/Binder, Fine particles	None Detected	ND	**Chrysotile 4%**

Lab ID: 20013547 **Client Sample #: BCC-16-01**
Location: Burien CC

Layer 1 of 2	**Description:** Red vinyl material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Vinyl/Binder, Fine particles	None Detected	ND	**Chrysotile 10%**
Layer 2 of 2	**Description:** Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Asphalt/Binder, Fine particles	None Detected	ND	**Chrysotile 5%**

Lab ID: 20013548 **Client Sample #: BCC-17-01**
Location: Burien CC

Layer 1 of 2	**Description:** Off-white brittle material with debris			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Debris, Fine particles	None Detected	ND	**None Detected ND**
Layer 2 of 2	**Description:** Brown fibrous material with debris			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Debris, Fine particles	Glass fibers	98%	**None Detected ND**

Lab ID: 20013549 **Client Sample #: BCC-18-01**
Location: Burien CC

Sampled by: Client
Analyzed by: Michael Jenkins **Date:** 01/13/2020
Reviewed by: Nick Ly **Date:** 01/13/2020

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000819.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Layer 1 of 2	**Description:** Gray patterned vinyl material with debris			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Vinyl/Binder, Debris, Fine particles	None Detected	ND	**None Detected ND**
Layer 2 of 2	**Description:** Gray fibrous backing with mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Binder/Filler, Mastic/Binder, Fine particles	Cellulose	34%	**None Detected ND**
	Wood flakes	Grey	16%	

Lab ID: 20013550 **Client Sample #: BCC-19-01**
Location: Burien CC

Layer 1 of 2	**Description:** White vinyl material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Vinyl/Binder, Fine grains, Fine particles	None Detected	ND	**None Detected ND**
Layer 2 of 2	**Description:** Black asphaltic mastic			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Asphalt/Binder, Fine particles	Cellulose	7%	**None Detected ND**

Lab ID: 20013551 **Client Sample #: BCC-20-01**
Location: Burien CC

Layer 1 of 2	**Description:** Black vinyl material			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Vinyl/Binder, Fine grains, Debris	Cellulose	5%	**None Detected ND**
Layer 2 of 2	**Description:** Black asphaltic mastic with debris			
	Non-Fibrous Materials:	Other Fibrous Materials:%		**Asbestos Type: %**
	Asphalt/Binder, Debris, Fine particles	Cellulose	15%	**None Detected ND**

Lab ID: 20013552 **Client Sample #: BCC-21-01**
Location: Burien CC

Sampled by: Client
Analyzed by: Michael Jenkins **Date:** 01/13/2020
Reviewed by: Nick Ly **Date:** 01/13/2020

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000819.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Layer 1 of 3	**Description:** Tan vinyl material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Vinyl/Binder, Fine grains	None Detected ND	**Chrysotile 10%**
Layer 2 of 3	**Description:** Black asphaltic mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Asphalt/Binder, Fine particles	None Detected ND	**None Detected ND**
Layer 3 of 3	**Description:** Gray crumbly material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Binder/Filler, Fine grains, Sand	None Detected ND	**None Detected ND**

Lab ID: 20013553 **Client Sample #: BCC-21-02**
Location: Burien CC

Layer 1 of 2	**Description:** Tan vinyl material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Vinyl/Binder, Fine grains	None Detected ND	**Chrysotile 10%**
Layer 2 of 2	**Description:** Black asphaltic mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Asphalt/Binder, Fine particles	None Detected ND	**None Detected ND**

Lab ID: 20013554 **Client Sample #: BCC-22-01**
Location: Burien CC

Layer 1 of 3	**Description:** Red vinyl material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Vinyl/Binder, Fine grains	None Detected ND	**None Detected ND**
Layer 2 of 3	**Description:** Clear soft adhesive		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Adhesive/Binder, Fine particles	None Detected ND	**None Detected ND**

Sampled by: Client
Analyzed by: Michael Jenkins **Date:** 01/13/2020
Reviewed by: Nick Ly **Date:** 01/13/2020

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000819.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Layer 3 of 3	**Description:** Gray crumbly sandy material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Binder/Filler, Sand, Fine particles	Cellulose 25%	**None Detected ND**

Lab ID: 20013555 **Client Sample #: BCC-23-01**
Location: Burien CC

Layer 1 of 2	**Description:** Red vinyl material with debris		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Vinyl/Binder, Fine grains, Debris	Cellulose 4%	**None Detected ND**
Layer 2 of 2	**Description:** Gray fibrous backing with mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Binder/Filler, Mastic/Binder, Fine particles	Cellulose 10%	**Chrysotile 35%**

Lab ID: 20013556 **Client Sample #: BCC-24-01**
Location: Burien CC
Comments: Unsure of correct layer sequence.

Layer 1 of 4	**Description:** Gray vinyl material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Vinyl/Binder, Fine particles	None Detected ND	**None Detected ND**
Layer 2 of 4	**Description:** Gray fibrous backing with mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Binder/Filler, Mastic/Binder, Fine particles	Cellulose 36%	**None Detected ND**
		Glass fibers 14%	
Layer 3 of 4	**Description:** Gray patterned vinyl material with debris		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Vinyl/Binder, Debris, Fine particles	Cellulose 4%	**None Detected ND**
		Synthetic fibers 4%	

Sampled by: Client
Analyzed by: Michael Jenkins **Date:** 01/13/2020
Reviewed by: Nick Ly **Date:** 01/13/2020

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000819.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Layer 4 of 4	**Description:** Gray fibrous backing with mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Binder/Filler, Mastic/Binder, Debris	Cellulose 12%	**Chrysotile 34%**

Lab ID: 20013558 **Client Sample #: BCC-25-01**
Location: Burien CC

Layer 1 of 2	**Description:** Red vinyl material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Vinyl/Binder, Fine grains	None Detected ND	**Chrysotile 6%**
Layer 2 of 2	**Description:** Black asphaltic mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Asphalt/Binder, Fine particles, Debris	Cellulose 10%	**None Detected ND**

Lab ID: 20013559 **Client Sample #: BCC-25-02**
Location: Burien CC

Layer 1 of 2	**Description:** Red vinyl material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Vinyl/Binder, Fine grains	None Detected ND	**Chrysotile 7%**
Layer 2 of 2	**Description:** Black asphaltic mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Asphalt/Binder, Fine particles, Debris	Cellulose 12%	**None Detected ND**

Lab ID: 20013560 **Client Sample #: BCC-26-01**
Location: Burien CC

Layer 1 of 1	**Description:** Light brown brittle material with debris		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Binder/Filler, Fine grains, Debris	Cellulose 5%	**None Detected ND**

Sampled by: Client
Analyzed by: Michael Jenkins **Date:** 01/13/2020
Reviewed by: Nick Ly **Date:** 01/13/2020

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000819.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Lab ID: 20013561 **Client Sample #: BCC-27-01**
Location: Burien CC

Layer 1 of 2	**Description:** Gray crumbly material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Paint, Binder/Filler, Fine particles	Glass fibers 22%	**None Detected ND**
Layer 2 of 2	**Description:** Brown brittle mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Mastic/Binder, Fine particles	None Detected ND	**None Detected ND**

Lab ID: 20013562 **Client Sample #: BCC-27-02**
Location: Burien CC

Layer 1 of 2	**Description:** Gray crumbly material with paint		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Paint, Binder/Filler, Fine particles	Glass fibers 20%	**None Detected ND**
Layer 2 of 2	**Description:** Brown brittle mastic		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Mastic/Binder, Fine particles	None Detected ND	**None Detected ND**

Lab ID: 20013563 **Client Sample #: BCC-28-01**
Location: Burien CC

Layer 1 of 2	**Description:** Brown brittle mastic with debris		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Binder/Filler, Debris, Fine particles	Cellulose 5%	**Chrysotile 4%**
Layer 2 of 2	**Description:** Brown rubbery material		
	Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
	Rubber/Binder, Fine particles	None Detected ND	**None Detected ND**

Sampled by: Client
Analyzed by: Michael Jenkins **Date:** 01/13/2020
Reviewed by: Nick Ly **Date:** 01/13/2020

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000819.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116 & EPA/600/M4-82-020

Lab ID: 20013564 **Client Sample #: BCC-29-01**
Location: Burien CC

Layer 1 of 2	**Description:** White brittle material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Paint, Binder/Filler, Fine grains	None Detected	ND	**None Detected ND**
Layer 2 of 2	**Description:** Off-white brittle material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Fine grains, Gypsum particles	None Detected	ND	**None Detected ND**

Lab ID: 20013565 **Client Sample #: BCC-29-02**
Location: Burien CC

Layer 1 of 3	**Description:** White compacted powdery material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Paint, Calcareous binder, Gypsum particles	None Detected	ND	**None Detected ND**
Layer 2 of 3	**Description:** White brittle material with paint			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Paint, Binder/Filler, Fine grains	None Detected	ND	**None Detected ND**
Layer 3 of 3	**Description:** Off-white brittle material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Binder/Filler, Gypsum particles, Fine grains	Wood fibers	2%	**None Detected ND**

Lab ID: 20013566 **Client Sample #: BCC-30-01**
Location: Burien CC

Layer 1 of 1	**Description:** Gray crumbly material			
	Non-Fibrous Materials:	Other Fibrous Materials:	%	**Asbestos Type: %**
	Putty Compound, Debris	None Detected	ND	**None Detected ND**

Sampled by: Client
Analyzed by: Michael Jenkins **Date:** 01/13/2020
Reviewed by: Nick Ly **Date:** 01/13/2020

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

Bulk Asbestos Fibers Analysis

By Polarized Light Microscopy

Client: ARGUS PACIFIC, INC. A Terracon Company
Address: 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien CC

Batch #: 2000819.00
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 25
Samples Analyzed: 25
Method: EPA/600/R-93/116
& EPA/600/M4-82-020

Lab ID: 20013567 **Client Sample #: BCC-30-02**

Location: Burien CC

Layer 1 of 1 **Description:** Gray crumbly material with paint

Non-Fibrous Materials:	Other Fibrous Materials:%	**Asbestos Type: %**
Putty Compound, Debris	None Detected ND	**None Detected ND**

Sampled by: Client
Analyzed by: Michael Jenkins **Date:** 01/13/2020
Reviewed by: Nick Ly **Date:** 01/13/2020

Nick Ly, Technical Director

Note: If samples are not homogeneous, then subsamples of the components were analyzed separately. All bulk samples are analyzed using both EPA 600/R-93/116 and 600/M4-82-020 Methods with the following measurement uncertainties for the reported % Asbestos (1%=0-3%, 5%=1-9%, 10%=5-15%, 20%=10-30%, 50%=40-60%). This report relates only to the items tested. If sample was not collected by NVL personnel, then the accuracy of the results is limited by the methodology and acuity of the sample collector. This report shall not be reproduced except in full, without written approval of NVL Laboratories, Inc. It shall not be used to claim product endorsement by NVLAP or any other agency of the US Government

ASBESTOS LABORATORY SERVICES

NVL

Company ARGUS PACIFIC, INC. A Terracon
Address 21905 64th Avenue W, Suite 100
Mountlake Terrace, WA 98043
Project Manager Mr. Scott Parker
Phone (206) 285-3373
Cell (206) 714-7152

NVL Batch Number **2000819.00**
TAT 1 Day **AH** No
Rush TAT
Due Date 1/14/2020 **Time** 9:50 AM
Email scott.parker@terracon.com
Fax (206) 285-3927

Project Name/Number: 81207008 **Project Location:** Burien CC

Subcategory PLM Bulk
Item Code ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples 25 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	20013542	BCC-11-01		A
2	20013543	BCC-12-01		A
3	20013544	BCC-13-01		A
4	20013545	BCC-14-01		A
5	20013546	BCC-15-01		A
6	20013547	BCC-16-01		A
7	20013548	BCC-17-01		A
8	20013549	BCC-18-01		A
9	20013550	BCC-19-01		A
10	20013551	BCC-20-01		A
11	20013552	BCC-21-01		A
12	20013553	BCC-21-02		A
13	20013554	BCC-22-01		A
14	20013555	BCC-23-01		A
15	20013556	BCC-24-01		A
16	20013558	BCC-25-01		A
17	20013559	BCC-25-02		A
18	20013560	BCC-26-01		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/13/20	950
Analyzed by	Michael Jenkins		NVL	1/13/20	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/13/2020
Time: 10:43 AM
Entered By: Fatima Khan

ASBESTOS LABORATORY SERVICES

NVL

Company	ARGUS PACIFIC, INC. A Terracon	**NVL Batch Number**	**2000819.00**
Address	21905 64th Avenue W, Suite 100 Mountlake Terrace, WA 98043	**TAT** 1 Day **AH** No **Rush TAT**	
Project Manager	Mr. Scott Parker	**Due Date** 1/14/2020 **Time** 9:50 AM	
Phone	(206) 285-3373	**Email**	scott.parker@terracon.com
Cell	(206) 714-7152	**Fax**	(206) 285-3927

Project Name/Number: 81207008 **Project Location:** Burien CC

Subcategory PLM Bulk

Item Code ASB-02 EPA 600/R-93-116 Asbestos by PLM <bulk>

Total Number of Samples 25 Rush Samples

	Lab ID	Sample ID	Description	A/R
19	20013561	BCC-27-01		A
20	20013562	BCC-27-02		A
21	20013563	BCC-28-01		A
22	20013564	BCC-29-01		A
23	20013565	BCC-29-02		A
24	20013566	BCC-30-01		A
25	20013567	BCC-30-02		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Fatima Khan		NVL	1/13/20	950
Analyzed by	Michael Jenkins		NVL	1/13/20	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/13/2020
Time: 10:43 AM
Entered By: Fatima Khan

NVL LABS
INDUSTRIAL HYGIENE SERVICES
Laboratory | Management | Training

ASBESTOS CHAIN OF CUSTODY

Turn Around Time
❑ 1 Hour ❑ 24 Hours ❑ 4 Days
❑ 2 Hours ❑ 2 Days ❑ 5 Days
~~4 Hours~~
Please call fo

2000819

Company Argus Pacific
Address 21905 64th Ave W.
Mountlake Terrace, WA 98043
Phone 425-771-3304

Project Manager Scott. Parker
Cell ( ) -
Email Scott. Parker@Terracon.com
Fax ( ) -

Project Name/Number 81207008 | Project Location Burien CC

- ❑ PCM Air (NIOSH 7400)
- ☑ PLM (EPA 600/R-93-116)
- ❑ PLM Gravimetry (600/R-93-116)
- ❑ Asbestos Friable/Non-Friable (EPA 600/R-93/116)
- ❑ TEM (NIOSH 7402)
- ❑ EPA 400 Points (600/R-93-116)
- ❑ Asbestos in Vermiculite (EPA 600/R-04/004)
- ❑ TEM (AHERA)
- ❑ Other
- ❑ TEM (EPA Level II Modified)
- ❑ EPA 1000Points (600/R-93-116)
- ❑ Asbestos in Sediment (EPA 1900 Points)

Reporting Instructions Email CC: Jacob.Lindberg@Terracon.com
❑ Call ( ) - ❑ Fax ( ) - ☑ Email Scott.Parker@Terracon.com

Total Number of Samples 40

	Sample ID	Description	A/R
1	BCC-11-01		
2	-12-01		
3	-13-01		
4	-14-01		
5	-15-01		
6	-16-01		
7	-17-01		
8	-18-01		
9	-19-01		
10	-20-01		
11	-21-01		
12	-21-02		
13	-22-01		
14	-23-01		
15	-24-01		

	Print Name	Signature	Company	Date	Time
Sampled by	Jacob Lindberg		Argus Pacific	1-10-20	1200
Relinquish by	Jacob Lindberg		Argus Pacific	1-13-20	~~1018~~ 948

Office Use Only

	Print Name	Signature	Company	Date	Time
Received by	[illegible]		NVLLabs	1/13/2020	9:50am
Analyzed by					
Called by					
Faxed/Email by					

NVL LABS
INDUSTRIAL HYGIENE SERVICES
Laboratory | Management | Training

ASBESTOS CHAIN OF CUSTODY

Turn Around Time
❑ 1 Hour ❑ 24 Hours ❑ 4 Days
❑ 2 Hours ❑ 2 Days
~~❑ 4 Hours~~
Please call fo

2000819

Company Argus Pacific
Address 21905 64th Ave W.
Mountlake Terrace, WA 98043
Phone 425-771-3304

Project Manager Scott Parker
Cell ( ) -
Email Scott.Parker@Terracon.com
Fax ( ) -

Project Name/Number 81207008 | Project Location Burien CC

- ❑ PCM Air (NIOSH 7400)
- ☒ PLM (EPA 600/R-93-116)
- ❑ PLM Gravimetry (600/R-93-116)
- ❑ Asbestos Friable/Non-Friable (EPA 600/R-93/116)
- ❑ TEM (NIOSH 7402)
- ❑ EPA 400 Points (600/R-93-116)
- ❑ Asbestos in Vermiculite (EPA 600/R-04/004)
- ❑ TEM (AHERA)
- ❑ Other
- ❑ TEM (EPA Level II Modified)
- ❑ EPA 1000Points (600/R-93-116)
- ❑ Asbestos in Sediment (EPA 1900 Points)

Reporting Instructions Email CC: Jacob.Lindberg@Terracon.com
❑ Call ( ) - ❑ Fax ( ) - ☒ Email Scott.Parker@Terracon.com

Total Number of Samples 40

	Sample ID	Description	A/R
1	BCC-25-01		
2	-25-02		
3	-26-01		
4	-27-01		
5	-27-02		
6	-28-01		
7	-29-01		
8	-29-02		
9	-30-01		
10	-30-02		
11			
12			
13			
14			
15			

	Print Name	Signature	Company	Date	Time
Sampled by	Jacob Lindberg		Argus Pacific	1-10-20	1200
Relinquish by	Jacob Lindberg		Argus Pacific	1-13-20	948

Office Use Only

	Print Name	Signature	Company	Date	Time
Received by					
Analyzed by					
Called by					
Faxed/Email by					

January 13, 2020

Scott Parker
Terracon - Mountlake Terrace
21905 64th Ave. W #100
Mountlake Terrace, WA 98043

RE: Metals Analysis; NVL Batch # 2000813.00

Dear Mr. Parker,

Enclosed please find the test results for samples submitted to our laboratory for analysis. Preparation of these samples was conducted following protocol outlined in EPA Method SW 846 -3051 unless stated otherwise. Analysis of these samples was performed using analytical instruments in accordance with U.S. EPA, NIOSH, OSHA and other ASTM methods.

For matrix materials submitted as paint, dust wipe, soil or TCLP samples, analysis for the presence of total metals is conducted using published U.S. EPA Methods. Paint and soil results are usually expressed in mg/Kg which is equivalent to parts per million (ppm). Lead (Pb) in paint is usually expressed in mg/Kg (ppm) , Percent (%) or mg/cm^2 by area. Dust wipe sample results are usually expressed in ug/wipe and ug/ft^2. TCLP samples are reported in mg/L (ppm). For air filter samples, analyses are conducted using NIOSH and OSHA Methods. Results are expressed in ug/filter and ug/m^3. Other matrix materials are analyzed accordingly using published methods or specified by client. The reported test results pertain only to items tested and are not blank corrected.

For recent regulation updates pertaining to current regulatory levels or permissible exposure levels, please call your local regulatory agencies for more details.

This report is considered highly confidential and will not be released without your approval. Samples are archived for two weeks following analysis. Samples that are not retrieved by the client are discarded after two weeks.

Thank you for using our laboratory services. if you need further assistance please feel free to call us at 206-547-0100 or 1-888-NVLLABS.

Sincerely,

Evelyn Ahulu, EM Lab Manager

Enc.: Sample results

AIHA LAP, LLC
ACCREDITED LABORATORY
INDUSTRIAL HYGIENE & ENVIRONMENTAL LEAD
ISO/IEC 17025:2005
WWW.AIHAACCREDITEDLABS.ORG
LAB # 101861

Phone: 206 547.0100 | Fax: 206 634.1936 | Toll Free: 1.888.NVL.LABS (685.5227)
4708 Aurora Avenue North | Seattle, WA 98103-6516

Analysis Report

Total Lead (Pb)

Client: Terracon - Mountlake Terrace
Address: 21905 64th Ave. W #100
Mountlake Terrace, WA 98043

Attention: Mr. Scott Parker
Project Location: Burien Community Center

Batch #: 2000813.00
Matrix: Paint
Method: EPA 3051/7000B
Client Project #: 81207008
Date Received: 1/13/2020
Samples Received: 5
Samples Analyzed: 5

Lab ID	Client Sample #	Sample Weight (g)	RL in mg/Kg	Results in mg/Kg	Results in percent
20013501	BCC-PB1-01	0.2149	47	< 47	<0.0047
20013502	BCC-PB2-01	0.2061	49	950	0.095
20013503	BCC-PB3-01	0.1968	51	5700	0.57
20013504	BCC-PB4-01	0.2094	48	2400	0.24
20013505	BCC-PB5-01	0.2037	49	11000	1.1

Sampled by: Client
Analyzed by: Shalini Patel
Reviewed by: Evelyn Ahulu

Date Analyzed: 01/13/2020
Date Issued: 01/13/2020

Evelyn Ahulu, EM Lab Manager

mg/ Kg =Milligrams per kilogram
Percent = Milligrams per kilogram / 10000
Note : Method QC results are acceptable unless stated otherwise.
Unless otherwise indicated, the condition of all samples was acceptable at time of receipt.

RL = Reporting Limit
'<' = Below the reporting Limit

Bench Run No: 2020-0113-11
FAA-02

LEAD LABORATORY SERVICES

Company	Terracon - Mountlake Terrace	**NVL Batch Number**	**2000813.00**
Address	21905 64th Ave. W #100 Mountlake Terrace, WA 98043	**TAT** 1 Day **AH** No **Rush TAT**	
Project Manager	Mr. Scott Parker	**Due Date** 1/14/2020 **Time**	10:25 AM
Phone	(425) 771-3304	**Email**	scott.parker@terracon.com
Cell	(206) 714-7152	**Fax**	(425) 771-3549

Project Name/Number: 81207008 **Project Location:** Burien Community Center

Subcategory Flame AA (FAA)

Item Code FAA-02 EPA 7000B Lead by FAA <paint>

Total Number of Samples 5 Rush Samples

	Lab ID	Sample ID	Description	A/R
1	20013501	BCC-PB1-01		A
2	20013502	BCC-PB2-01		A
3	20013503	BCC-PB3-01		A
4	20013504	BCC-PB4-01		A
5	20013505	BCC-PB5-01		A

	Print Name	Signature	Company	Date	Time
Sampled by	Client				
Relinquished by	Client				

Office Use Only	Print Name	Signature	Company	Date	Time
Received by	Emily Schubert		NVL	1/13/20	1025
Analyzed by	Shalini Patel		NVL	1/13/20	
Results Called by					
☐ **Faxed** ☐ **Emailed**					

Special Instructions:

Date: 1/13/2020
Time: 10:29 AM
Entered By: Emily Schubert

2000813

NVL LABS
HAZARDOUS MATERIALS SERVICES

METALS CHAIN OF CUSTODY

Turn Around Time
- ☐ 2 Hour
- ~~☑ 24 Hours~~
- ☐ 24 Hours
- ☐ 2 Days
- ☐ 3 Days
- ☐ 4 Days
- ☐ 5 Days
- ☐ 6-10 Days

Please call for TAT less than 24 Hours

Company: Terracon Consultants, Inc.
Address: 21905 64th Ave W Suite 100
Mountlake Terrace, WA 98043
Phone: 425-771-3304

Project Manager: Scott Parker
Cell: ( ) -
Email: Scott.Parker@Terracon.com
Fax: ( ) -

Project Name/Number: 81207008
Project Location: Burien Community Center

- ☑ Total Metals
- ☐ TCLP
- ☑ FAA (ppm
- ☐ ICP (PPM
- ☐ GFAA (ppb)
- ☐ CVAA (ppb)
- ☐ Air Filter
- ☐ Paint Chips (cm)
- ☑ Paint Chips (%)
- ☐ Dust Wipes
- ☐ Drinking Water
- ☐ Waste Water
- ☐ Soil
- ☐ Other

RCRA 8
- ☐ Barium
- ☐ Chromium
- ☐ Silver
- ☐ Arsenic
- ☐ Mercury
- ☑ Lead
- ☐ Selenium
- ☐ Cadmium

RCRA 11
- ☐ Copper
- ☐ Zinc
- ☐ Other

Reporting Instructions: EMAIL
- ☐ Call ( ) -
- ☐ Fax ( ) -
- ☑ Email Scott.Parker@Terracon.com
  Jacob.Lindberg@Terracon.com

Total Number of Samples 5

	Sample ID	Description	A/R
1	BCC-PB1-01		
2	BCC-PB2-01		
3	BCC-PB3-01		
4	BCC-PB4-01		
5	BCC-PB5-01		
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

	Print Name	Signature	Company	Date	Time
Sampled by	Jacob Lindberg		Terracon	1-10-20	1200
Relinquish by	Jacob Lindberg		Terracon	1-13-20	1025

Office Use Only

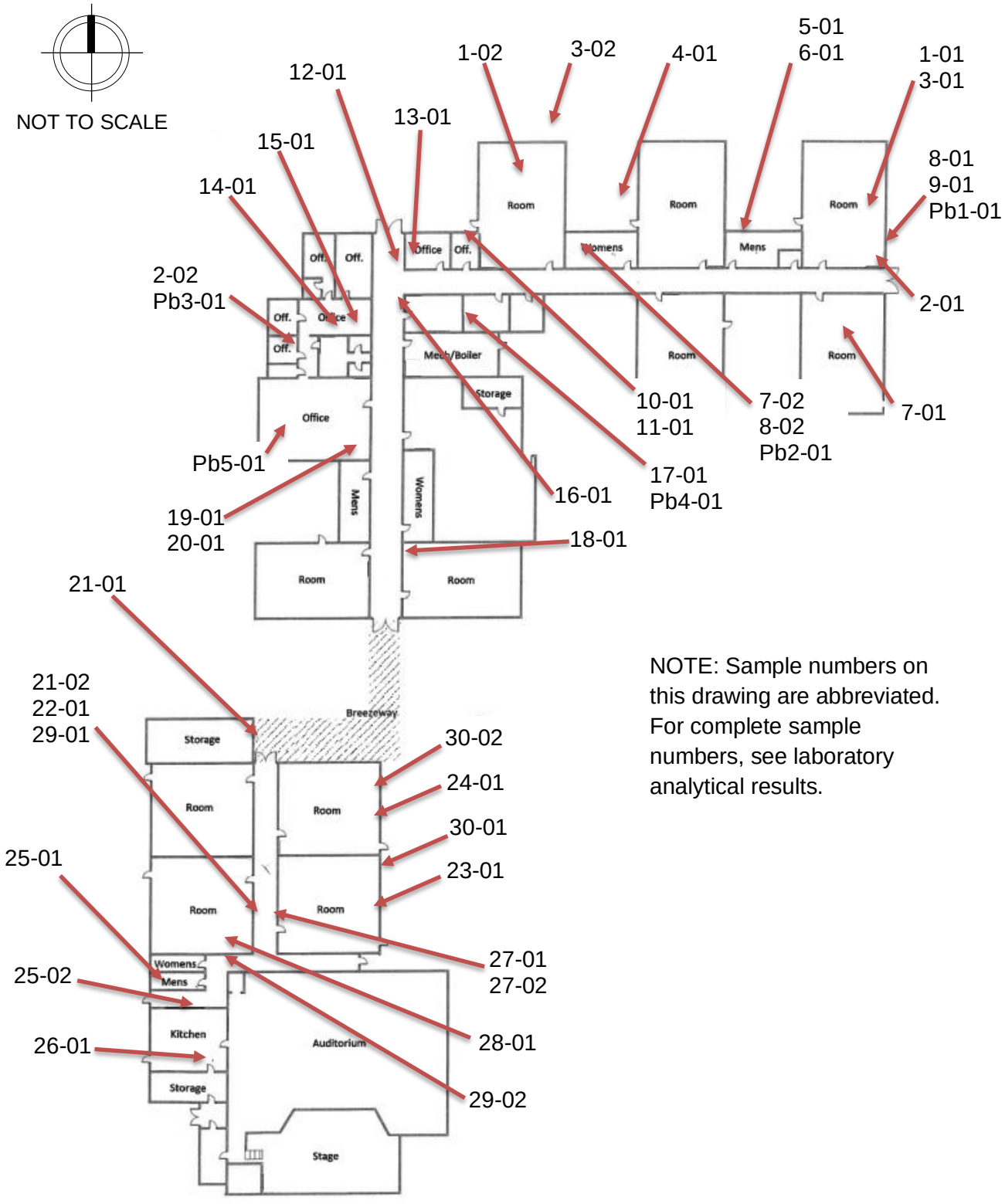
	Print Name	Signature	Company	Date	Time
Received by	Emily S		NVL	1/13/20	1025
Analyzed by					
Called by					
Faxed/Email by					

APPENDIX C

SAMPLE LOCATION MAPS

MENG Analysis
Burien Community Center Annex
Bulk Sample Locations

NOT TO SCALE



NOTE: Sample numbers on this drawing are abbreviated. For complete sample numbers, see laboratory analytical results.

APPENDIX D

TRAINING CERTIFICATES

Certificate of Completion

This is to certify that

Jacob A. Lindberg

has satisfactorily completed
24 hours of training as an

AHERA Building Inspector

to comply with the training requirements of
TSCA Title II, 40 CFR 763 (AHERA)

EPA Provider # 1085

Instructor

174287
Certificate Number

ARGUS PACIFIC
TRAINING • CONSULTING
A Terracon COMPANY

Aug 7 - 9, 2019 Expires in 1 year.
Date(s) of Training

Exam Score: 98
(if applicable)

ARGUS PACIFIC, INC / 21905 64th AVE W, SUITE 100 / MOUNTLAKE TERRACE, WASHINGTON 98043 / 206.285.3373 / ARGUSPACIFIC.COM

APPENDIX E

MATERIAL PHOTOGRAPHS

Burien Community Center Annex 425 SW 144th St, Burien, Washington (sign at entry)

HSA No. 1. 9”x9” Tan vinyl floor tile w/ red streaks with black mastic

HSA No. 2. White gypsum wall board w/ joint compound

HSA No. 3. 1’x2’ Brown vinyl floor tile with black mastic

HSA No. 4. 2'x3' Tan ceramic floor tile w/ light specks and brown mastic

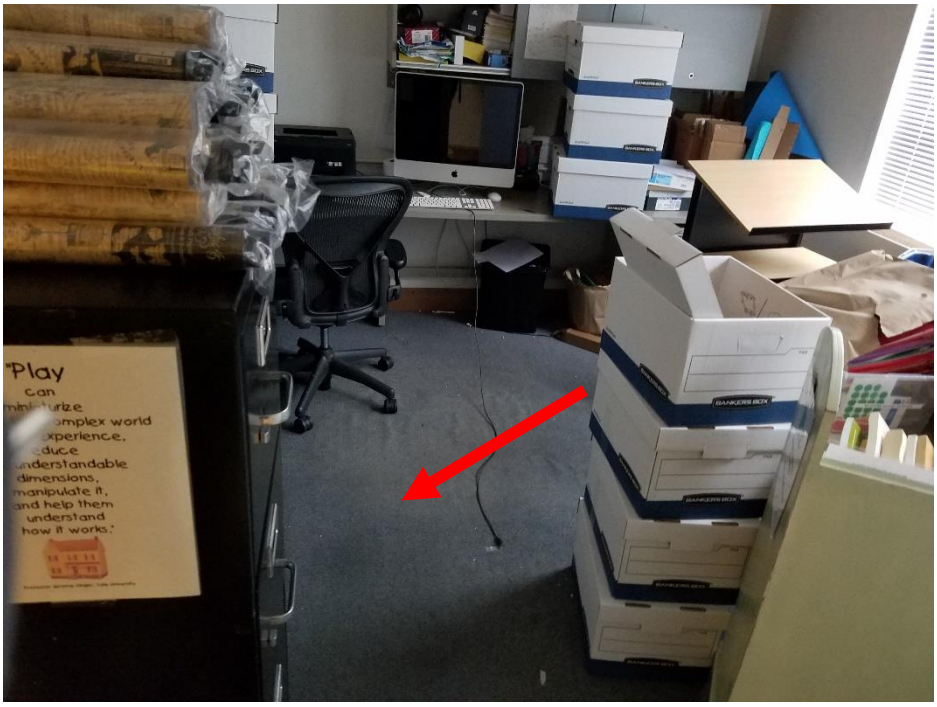
HSA No. 5. Tan ceramic floor tile w/ dark specks and yellow mastic (used as cove base)

HSA No. 6. 2”x2” Red ceramic floor tile w/ grey grout

HSA No. 7. 12”x12” White porous ceiling tile w/ brown mastic

HSA No. 8. Plaster

HSA No. 9. Tan vinyl floor sheet w/ yellow mastic



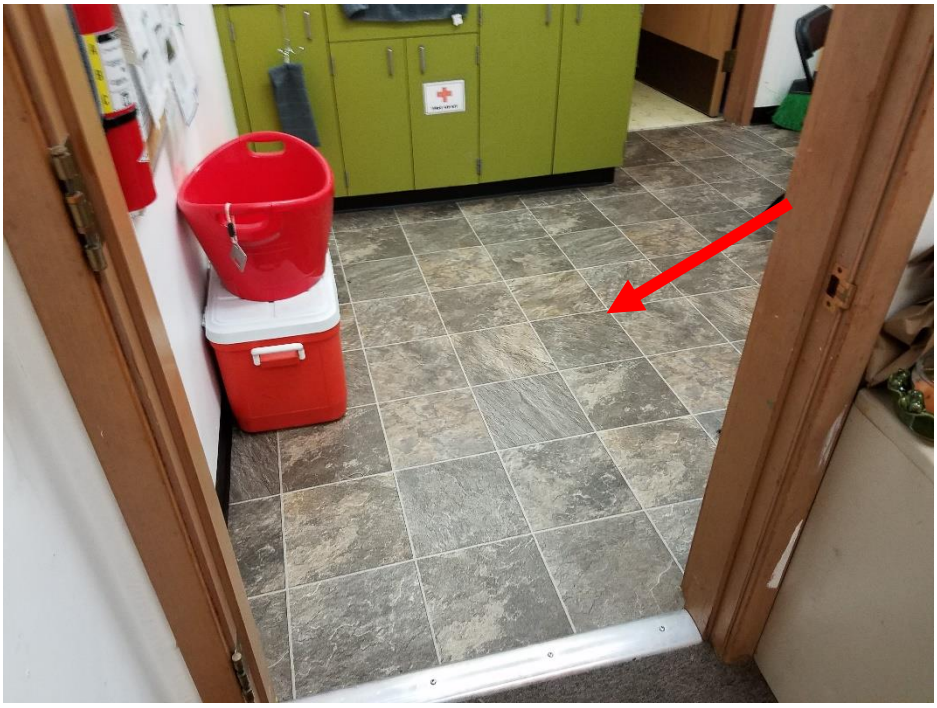
HSA No. 10. Blue carpet w/ yellow mastic

HSA No. 11. 12”x12” Tan over red layered vinyl floor tile w/ black mastic

HSA No. 12. 12”x12” Tan over tan layered vinyl floor tile w/ black mastic

HSA No. 13. 12”x12” Tan vinyl floor tile w/ black mastic and compact brown material

HSA No. 14. 4”x4” Patterned yellow vinyl floor sheet w/ yellow mastic



HSA No. 15. 12”x12” Marble patterned brown vinyl floor sheet w/ brown mastic

HSA No. 16. 9”x9” Red vinyl floor tile w/ black mastic

HSA No. 17. Yellow fiberglass insulation with fiber backing and black mastic

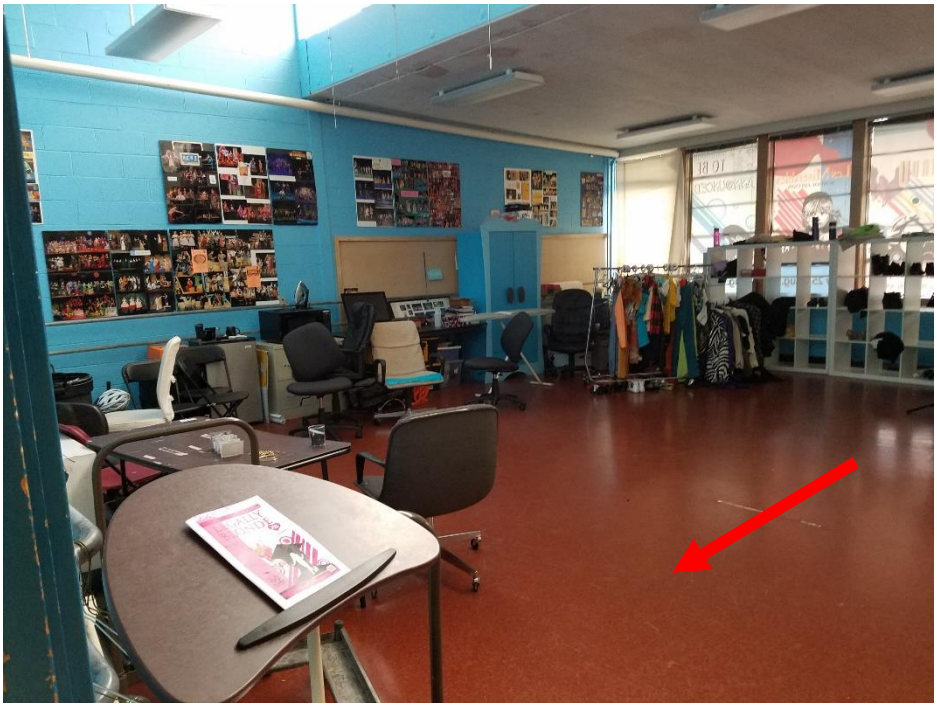
HSA No. 18. Grey vinyl floor sheet w/ light specks and yellow mastic

HSA No. 19. 12”x12” White vinyl floor tile w/ black mastic

HSA No. 20. 12”x12” Black vinyl floor tile w/ black mastic

HSA No. 21. 9”x9” Tan vinyl floor tile w/ red streaks

HSA No. 22. 12”x9” Red vinyl floor tile w/ compact grey material



HSA No. 23. Red vinyl floor sheet w/ mastic

HSA No. 24. Grey layered vinyl floor sheet w/ mastic

HSA No. 25. 9”x9” red vinyl floor tile w/ black mastic

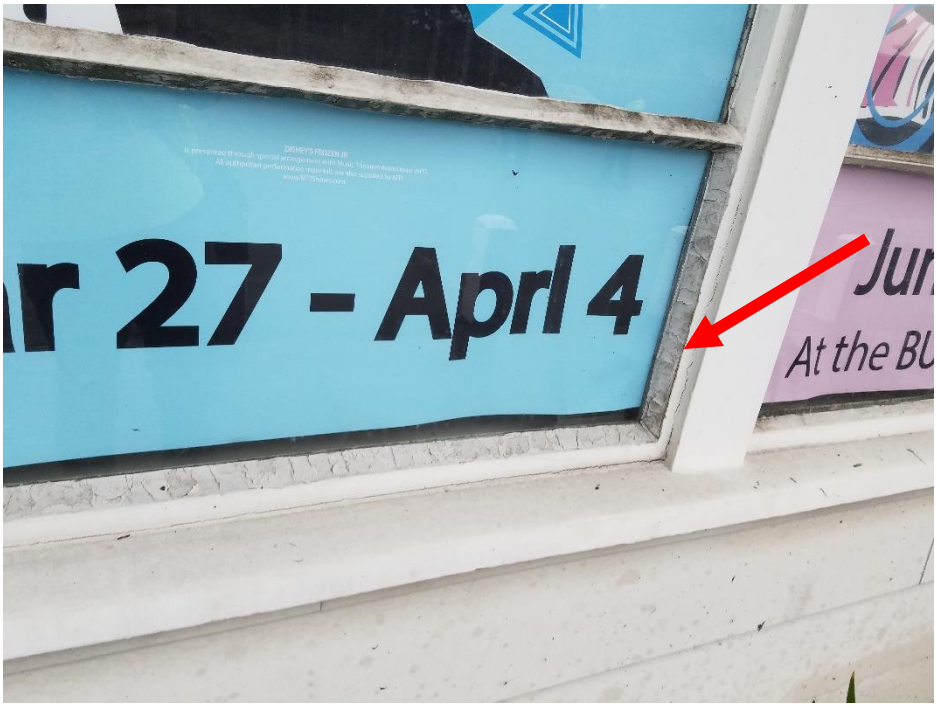
No Photo Available

HSA No. 26. Ceramic coating material

HSA No. 27. 12”x12” Patterned white ceiling tile w/ brown mastic

HSA No. 28. 4” Brown vinyl cove base w/ tan mastic

HSA No. 29. Plaster



HSA No. 30. White glazing compound